

### ABSTRACT

5 A system for transferring data into and out of medical devices wherein  
a personal data manager (PDM) is used in a web-based network is disclosed.  
The PDM co-operates with a programmer to enhance remote monitoring of  
implanted medical devices on a chronic basis to deliver clinical therapy in real  
time. The PDM is handheldable and mobile and expands the reach of the  
programmer by storing and forwarding data from the programmer to web-  
10 based network constituting a medical environment. The PDM is also  
implemented to store and forward information to PCs and similar peripheral  
equipment. In a specialized application, the PDM is configured to exchange  
data with the unregulated operational/functional segments of the IMD.